

Ex-10b

1. If set A = {2, 4, 5, 6}, state which of the following statements are true and which are false.

1. $2 \in A$

2. True

3. $5 \in A$

4. True

5. $3 \notin A$

6. $7 \in A$ True

7. $2, 8 \in A$

8. False

2. If set B = {4, 6, 8, 10, 12, 14} state which of the following statements

are correct and which are wrong:

1. $\mathbb{E}B$

2. Wrong $\mathbb{E}B$

3. $\mathbb{E}B$

4. correct

5. $\mathbb{E}B$

6. correct

7. $\mathbb{E}B$

8. wrong $\mathbb{E}B$

9. B is the set of even numbers between, $2\mathbb{N}/6$

10. correct

11. $9, 6, 2, 10$ are the members of the

Q 1

Q 2

state whether true or false.

Sets $\{1, 6, 2\}$ and $\{6, 2, 4, 9\}$ are not the same.

Q 3

Sets $\{2, 3, 9, 4\}$ and $\{4, 0, 6, 3, 9\}$ are the same.

Q 4

Sets $\{5, 9\}$ and $\{5, 9, 5\}$ are not the same.

False

Sets $\{8, 3\}$ and $\{3, 8\}$ are the same.

True

collection of words used in the word 'ALLAHABAD' from word

True

If P is the set of letters in the word 'ROOP', then P = {R, O, P}

True

If M is the set of letters used in the word 'MUMBAI', then

M = {M, U, B, A, I}

True

Write the set containing

The first counting numbers

Q. Ques 2) 623345

Q.2) the three types of angles,

A - acute angle, Right angle, obtuse angle

Q.3) three types of triangles.

A - Scalene - triangle, isosceles - triangle, equilateral - triangle

Q.4) the members of your family

A

* The first six constants of the

English alphabet

Q- (b) diphthong

Ans- the first four vowels of the English alphabet

Q- (a, e, i, o)

Ans- the names of any three prime Ministers of India.

Ans- Indragandhi, Atal Bihari Vajpayee, Dr. Manmohan Singh.

5. Write the members (elements) of each set given below.

(i) $\{3, 8, 5, 15, 12, 7\}$ (ii) $\{m, n, o, s\}$

A- $3, 8, 5, 15, 12, 7$ A- $\{m, n, o, s\}$

6. Write the sets whose elements are

(i) $(2^4, 8, 16, 64 \text{ and } 128)$

A $(2^4, 8, 16, 64, 128)$

(ii) $(3, 5, 15, 45, 75 \text{ and } 90)$

A $(3, 5, 15, 45, 75, 90)$